

Title (en)

Recording and/or reproducing apparatus for recording medium and damper mechanism employed in such apparatus

Title (de)

Aufzeichnungs- und/oder Wiedergabegerät für einen Aufzeichnungsträger und Dämpfungsmechanismus für das Gerät

Title (fr)

Appareil d'enregistrement et/ou de reproduction pour milieu d'enregistrement et mécanisme d'amortissement employé dans un tel appareil

Publication

EP 0863511 A3 19990407 (EN)

Application

EP 98111140 A 19940826

Priority

- EP 94113397 A 19940826
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- JP 23427593 A 19930826
- JP 31306393 A 19931214

Abstract (en)

[origin: EP0643392A1] A recording and/or reproducing apparatus which employs a disc (200, 201) as a recording medium and in which a recording and/or reproducing unit is supported in a floating state via plural damper units (14) and elastic members (61, 62). The recording and/or reproducing apparatus includes a recording and/or reproducing unit mounted on a base member (4) via plural damper units (14) and a closure member (700) rotatably mounted on the base member (4) for covering the recording and/or reproducing unit. Between the closure member (700) and the recording and/or reproducing unit, there is mounted a spring plate (61, 62) for biasing the recording and/or reproducing unit towards the base member (4). When the closure member (700) is at a position of sheathing said recording and/or reproducing unit, the recording and/or reproducing unit is maintained at a position in which the weight of the recording and/or reproducing unit, the elastic force of the damper means (14) and the elastic force of said first elastic member (61, 62) counterbalance one another. The damper unit (14) supporting the recording and/or reproducing unit on the base member (4) has a vibration absorbing member (334) and a further elastic member (333) fitted on the outer side of the vibration absorbing member (334). There is also provided a supporting member (55) on which is arranged the recording and/or reproducing unit. A further elastic member (67) constituting the damper unit is provided between the base member (4) and the supporting member (55) for biasing the recording and/or reproducing unit toward the closure member (700) against the bias of a spring plate (61, 62). <IMAGE>

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Citation (search report)

- [X] EP 0442641 A2 19910821 - IBM [US]
- [A] DE 4110399 A1 19921001 - SIEMENS AG [DE]
- [A] EP 0176602 A1 19860409 - SONY CORP [JP]

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